



## INFORMATION DISCLOSURE STATEMENT

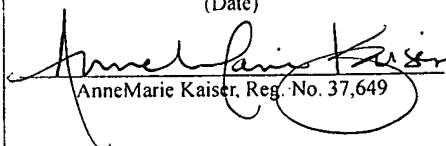
Applicant : Goddard, et al.  
App. No : 10/063.537  
Filed : May 2, 2002  
For : ANTIBODIES TO A POLYPEPTIDE  
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Examiner : J. Seharaseyon  
Art Unit : 1647

## CERTIFICATE OF MAILING

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March 23, 2006

(Date)

  
AnneMarie Kaiser, Reg. No. 37,649

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 144 references to be considered by the Examiner. Also enclosed are 144 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

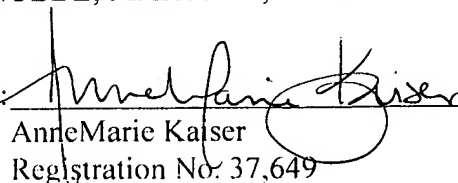
This Information Disclosure Statement is being filed within three months of the filing date, with an RCE or before receipt of a first office action after an RCE and no fee is required.


The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON &amp; BEAR, LLP

Dated: March 23, 2006

By:   
AnneMarie Kaiser  
Registration No. 37,649  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 10

Application No.	10/063,537
Filing Date	May 2, 2002
First Named Inventor	Goddard, et al.
Art Unit	1647
Examiner	J. Seharaseyon
Attorney Docket No.	GEN.3230R1C25

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	1	Abe, et al. "An increased high-mobility group A2 expression level is associated with malignant phenotype in pancreatic exocrine tissue." <i>Br J Cancer</i> . 2003 Dec 1;89(11):2104-9. (ABSTRACT ONLY)	
	2	ALBERTS, et al. 1994. <i>Molecular Biology of the Cell</i> , 3rd Edition, pp. 1216-1217. New York: Garland Publishing.	
	3	ANDERSON, et al. 1997. A comparison of selected mRNA and protein abundances in human liver. <i>Electrophoresis</i> , 18:533-537.	
	4	Ando, et al. "Selective apoptosis of natural killer-cell tumours by l-asparaginase." <i>Br. J. Haematol</i> . 2005 Sep;130(6):860-8. (ABSTRACT ONLY)	
	5	Aust, et al. "Human thyroid carcinoma cell lines and normal thyrocytes: expression and regulation of matrix metalloproteinase-1 and tissue matrix metalloproteinase inhibitor-1 messenger-RNA and protein." <i>Thyroid</i> . 1997 Oct;7(5):713-24. (ABSTRACT ONLY)	
	6	Barnes, et al. "Expression of embryonic fibronectin isoform EIIIA parallels alpha-smooth muscle actin in maturing and diseased kidney." <i>J Histochem Cytochem</i> . 1999 Jun;47(6):787-98. (ABSTRACT ONLY)	
	7	Bea, et al. "BMI-1 gene amplification and overexpression in hematological malignancies occur mainly in mantle cell lymphomas." <i>Cancer Res</i> . 2001 Mar 15;61(6):2409-12. (ABSTRACT ONLY)	
	8	Blaschke, et al. "Rapid quantitation of proinflammatory and chemoattractant cytokine expression in small tissue samples and monocyte-derived dendritic cells: validation of a new real-time RT-PCR technology." <i>J Immunol Methods</i> . 2000 Dec 1;246(1-2):79-90. (ABSTRACT ONLY)	
	9	Buckley, et al. "Butyrate-induced reversal of dexamethasone resistance in autonomous rat Nb2 lymphoma cells." <i>Apoptosis</i> . 1997;2(6):518-28. (ABSTRACT ONLY)	

Examiner Signature

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SHEET 2 OF 10	Attorney Docket No.	GNE.3230R1C25

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	10	Caberlotto, et al. "Alterations in neuropeptide Y levels and Y1 binding sites in the Flinders Sensitive Line rats, a genetic animal model of depression." <i>Neurosci Lett</i> . 1999 Apr 23;265(3):191-4. (ABSTRACT ONLY)	
	11	Caberlotto, et al. "Neurokinin 1 receptor and relative abundance of the short and long isoforms in the human brain." <i>Eur J Neurosci</i> . 2003 May;17(9):1736-46. (ABSTRACT ONLY)	
	12	CELIS, et al. 2000. Gene expression profiling: monitoring transcription and translation products using DNA microarrays and proteomics. <i>FEBS Letters</i> , 480:2-16.	
	13	Choi, et al. "Characterization of cyclin D2 expression in human endometrium." 166: <i>J Soc Gynecol Investig</i> . 2002 Jan-Feb;9(1):41-6. (ABSTRACT ONLY)	
	14	Couvelard, et al. "Human chorionic gonadotrophin beta expression in malignant Barrett's oesophagus." <i>Virchows Arch</i> . 2004 Sep;445(3):279-84. Epub 2004 Aug 10. (ABSTRACT ONLY)	
	15	CRICK, F. 1970. Central dogma of molecular biology. <i>Nature</i> , 227:561-563.	
	16	Dagenais, et al. "Downregulation of ENaC activity and expression by TNF-alpha in alveolar epithelial cells." <i>Am J Physiol Lung Cell Mol Physiol</i> . 2004 Feb;286(2):L301-11. Epub 2003 Sep 26. (ABSTRACT ONLY)	
	17	de Boer, et al. "Involvement of the CCND1 gene in hairy cell leukemia." <i>Ann Oncol</i> . 1996 Mar;7(3):251-6. (ABSTRACT ONLY)	
	18	Debieve, et al. "Inhibin and activin production and subunit expression in human placental cells cultured in vitro." <i>Mol Hum Reprod</i> . 2000 Aug;6(8):743-9. (ABSTRACT ONLY)	
	19	Dong, et al. "Expression of membrane-type matrix metalloproteinases 4, 5, and 6 in mouse corneas infected with <i>P. aeruginosa</i> ." <i>Invest Ophthalmol Vis Sci</i> . 2001 Dec;42(13):3223-7. (ABSTRACT ONLY)	
	20	Duchrow, et al. "Assessment of proliferative activity in colorectal carcinomas by quantitative reverse transcriptase-polymerase chain reaction (RT-PCR)." <i>Cancer Invest</i> . 2001;19(6):588-96. (ABSTRACT ONLY)	
	21	Dyer, et al. "Molecular characterisation of carbohydrate digestion and absorption in equine small intestine." <i>Equine Vet J</i> . 2002 Jul;34(4):349-58. (ABSTRACT ONLY)	
	22	Egwuagu, et al. "Suppressors of cytokine signaling proteins are differentially expressed in Th1 and Th2 cells: implications for Th cell lineage commitment and maintenance." <i>J Immunol</i> . 2002 Apr 1;168(7):3181-7. (ABSTRACT ONLY)	
	23	Eleore, et al. "Modulation of the glutamatergic receptors (AMPA and NMDA) and of glutamate vesicular transporter 2 in the rat facial nucleus after axotomy." <i>Neuroscience</i> . 2005;136(1):147-60. Epub 2005 Sep 21. (ABSTRACT ONLY)	
	24	El-Ghrably, et al. "Intravitreal invading cells contribute to vitreal cytokine milieu in proliferative vitreoretinopathy." <i>Br J Ophthalmol</i> . 2001 Apr;85(4):461-70. (ABSTRACT ONLY)	
	25	FEROZE-MERZOUG, et al. 2001. Molecular profiling in prostate cancer. <i>Cancer and Metastasis Reviews</i> , 20:165-171.	

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	26	Forsberg, et al. "Altered levels of scavenging enzymes in embryos subjected to a diabetic environment." <i>Free Radic Res.</i> 1996 Jun;24(6):451-9. (ABSTRACT ONLY)	
	27	Freyschuss, et al. "Induction of the estrogen receptor by growth hormone and glucocorticoid substitution in primary cultures of rat hepatocytes." <i>Endocrinology.</i> 1993 Oct;133(4):1548-54. (ABSTRACT ONLY)	
	28	Fu, et al. "Cyclin D1-negative mantle cell lymphoma: a clinicopathologic study based on gene expression profiling." <i>Blood.</i> 2005 Dec 15; 106(13):4315-21. Epub 2005 Aug 25. (ABSTRACT ONLY)	
	29	Fuchs, et al. "Oxytocin receptors in bovine cervix: distribution and gene expression during the estrous cycle." <i>Biol Reprod.</i> 1996 Mar;54(3):700-8. (ABSTRACT ONLY)	
	30	Furuta, et al. "Silencing of the thrombomodulin gene in human malignant melanoma" <i>Melanoma Res.</i> 2005 Feb;15(1):15-20. (ABSTRACT ONLY)	
	31	Futcher, et al. "A sampling of the yeast proteome." <i>Mol Cell Biol.</i> 1999 Nov;19(11):7357-68. (ABSTRACT ONLY)	
	32	George, et al. "Pre-translational regulation of cytochrome P450 genes is responsible for disease-specific changes of individual P450 enzymes among patients with cirrhosis." <i>Biochem Pharmacol.</i> 1995 Mar 30;49(7):873-81. (ABSTRACT ONLY)	
	33	Giroux, et al. "Cyclooxygenase-2 expression in macrophages: modulation by protein kinase C-alpha." <i>J Immunol.</i> 2000 Oct 1;165(7):3985-91 (ABSTRACT ONLY)	
	34	Gnatenko, et al. "Transcript profiling of human platelets using microarray and serial analysis of gene expression." <i>Blood.</i> 2003 Mar 15;101(6):2285-93. Epub 2002 Nov 14. (ABSTRACT ONLY)	
	35	Godbout, et al. "Overexpression of a DEAD box protein (DDX1) in neuroblastoma and retinoblastoma cell lines." <i>J Biol Chem.</i> 1998 Aug 14;273(33):21161-8. (ABSTRACT ONLY)	
	36	Goldenberg, et al. "Modulation of gap junction mediated intercellular communication in TM3 Leydig cells." <i>J Endocrinol.</i> 2003 May;177(2):327-35. (ABSTRACT ONLY)	
	37	Golebiowski, et al. "Expression level of Ubc9 protein in rat tissues." <i>Acta Biochim Pol.</i> 2003;50(4):1065-73. (ABSTRACT ONLY)	
	38	GREENBAUM, et al. 2003. Comparing protein abundance and mRNA expression levels on a genomic scale. <i>Genome Biology</i> , 4(9):117.1-117.8.	
	39	Grem, et al. "Thymidine kinase, thymidylate synthase, and dihydropyrimidine dehydrogenase profiles of cell lines of the National Cancer Institute's Anticancer Drug Screen." <i>Clin Cancer Res.</i> 2001 Apr;7(4):999-1009. (ABSTRACT ONLY)	
	40	Grenback, et al. "Galanin in pituitary adenomas." <i>Regul Pept.</i> 2004 Feb 15;117(2):127-39. (ABSTRACT ONLY)	
	41	Gromova, et al. "Protein abundance and mRNA levels of the adipocyte-type fatty acid binding protein correlate in non-invasive and invasive bladder transitional cell carcinomas." <i>Int J Oncol.</i> 1998 Aug;13(2):379-83 (ABSTRACT ONLY)	

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	42	Guo, et al. "The pathogenic role of macrophage migration inhibitory factor in acute respiratory distress syndrome" <i>Zhonghua Jie He He Hu Xi Za Zhi</i> . 2002 Jun;25(6):337-40(ABSTRACT ONLY)	
	43	Habu, et al. "Restored expression and activity of organic ion transporters rOAT1, rOAT3 and rOCT2 after hyperuricemia in the rat kidney." <i>Biochem Pharmacol</i> . 2005 Mar 15;69(6):993-9. (ABSTRACT ONLY)	
	44	Hahn, et al. "Regulation of cytochrome P4501A1 in teleosts: sustained induction of CYP1A1 mRNA, protein, and catalytic activity by 2,3,7,8-tetrachlorodibenzofuran in the marine fish <i>Stenotomus chrysops</i> ." <i>Toxicol Appl Pharmacol</i> . 1994 Aug;127(2):187-98. (ABSTRACT ONLY)	
	45	Hahnel, et al. "Expression of the pS2 gene in breast tissues assessed by pS2-mRNA analysis and pS2-protein radioimmunoassay." <i>Breast Cancer Res Treat</i> . 1992;24(1):71-4. (ABSTRACT ONLY)	
	46	Hamilton, et al. "The role of the epidermal growth factor receptor in sustaining neutrophil inflammation in severe asthma." <i>Clin Exp Allergy</i> . 2003 Feb;33(2):233-40(ABSTRACT ONLY)	
	47	Hassett, et al. "Human hepatic microsomal epoxide hydrolase: comparative analysis of polymorphic expression." <i>Arch Biochem Biophys</i> . 1997 Jan 15;337(2):275-83. (ABSTRACT ONLY)	
	48	HAYNES, et al. 1998. Proteome analysis: Biological assay or data archive? <i>Electrophoresis</i> , 19:1862-1871.	
	49	Holten-Andersen, et al. "Localization of tissue inhibitor of metalloproteinases 1 (TIMP-1) in human colorectal adenoma and adenocarcinoma." <i>Int J Cancer</i> . 2005 Jan 10;113(2):198-206 (ABSTRACT ONLY)	
	50	HOUGHTEN, et al. 1986. Relative Importance of Position and Individual Amino Acid Residues in Peptide Antigen-Antibody Interactions: Implications in the Mechanism of Antigenic Drift and Antigenic Shift. <i>New Approaches to Immunization, Vaccines86</i> , Cold Spring Harbor Laboratory, p. 21-25.	
	51	Huang, et al. "Tissue plasminogen activator induced by dengue virus infection of human endothelial cells." <i>J Med Virol</i> . 2003 Aug;70(4):610-6. (ABSTRACT ONLY)	
	52	Huettner, et al. "Neu oncogene expression in ovarian tumors: a quantitative study." <i>Mod Pathol</i> . 1992 May;5(3):250-6. (ABSTRACT ONLY)	
	53	HU, et al. 2003. Analysis of genomic and proteomic data using advanced literature mining. <i>Journal of Proteome Research</i> , 2:405-412.	
	54	Hui, et al. "Real-time quantitative RT-PCR of cyclin D1 mRNA in mantle cell lymphoma: comparison with FISH and immunohistochemistry." <i>Leuk Lymphoma</i> . 2003 Aug;44(8):1385-94. (ABSTRACT ONLY)	
	55	Husain, et al. "Elevation of topoisomerase I messenger RNA, protein, and catalytic activity in human tumors: demonstration of tumor-type specificity and implications for cancer chemotherapy." <i>Cancer Res</i> . 1994 Jan 15;54(2):539-46. (ABSTRACT ONLY)	
	56	Ihmann, et al. "High-level mRNA quantification of proliferation marker pKi-67 is correlated with favorable prognosis in colorectal carcinoma" <i>J Cancer Res Clin Oncol</i> . 2004 Dec;130(12):749-56. Epub 2004 Sep 21. (ABSTRACT ONLY)	

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	57	Ikegami, et al. "Modulation of glucagon receptor expression and response in transfected human embryonic kidney cells." <i>Am J Physiol Cell Physiol</i> . 2001 Oct;281(4):C1396-402. (ABSTRACT ONLY)	
	58	IRVING, et al. 2000. Proteins emerge from disarray <i>Nature Biotechnology</i> 18:932-933.	
	59	Jacquemin, et al. "Developmental regulation of acidic fibroblast growth factor (aFGF) expression in bovine retina." <i>Int J Dev Biol</i> . 1993 Sep;37(3):417-23. (ABSTRACT ONLY)	
	60	Jaime, et al. "The p21(Cip1) protein, a cyclin inhibitor, regulates the levels and the intracellular localization of CDC25A in mice regenerating livers." <i>Hepatology</i> . 2002 May;35(5):1063-71. (ABSTRACT ONLY)	
	61	Janssens, et al. "Alteration of frizzled expression in renal cell carcinoma." <i>Tumour Biol</i> . 2004 Jul-Aug;25(4):161-71. (ABSTRACT ONLY)	
	62	Jungbluth, et al. "Immunohistochemical analysis of NY-ESO-1 antigen expression in normal and malignant human tissues." <i>Int J Cancer</i> . 2001 Jun 15;92(6):856-60. (ABSTRACT ONLY)	
	63	Kalabis, et al. "Multidrug resistance phosphoglycoprotein (ABCB1) in the mouse placenta: fetal protection" <i>Biol Reprod</i> . 2005 Oct;73(4):591-7. Epub 2005 May 25 (ABSTRACT ONLY)	
	64	Kammori, et al. "Expression of human telomerase reverse transcriptase gene and protein, and of estrogen and progesterone receptors, in breast tumors: Preliminary data from neo-adjuvant chemotherapy." <i>Int J. Oncol</i> . 2005 Nov;27(5):1257-63. (ABSTRACT ONLY)	
	65	Khal, et al. "Expression of the ubiquitin-proteasome pathway and muscle loss in experimental cancer cachexia." <i>Br J Cancer</i> . 2005 Oct 3; 93(7):774-80. (ABSTRACT ONLY)	
	66	Khal, et al. "Increased expression of proteasome subunits in skeletal muscle of cancer patients with weight loss." <i>Int J Biochem Cell Biol</i> . 2005 Oct;37(10):2196-206. Epub 2004 Dec (ABSTRACT ONLY)	
	67	Kogo, et al. "Cell type-specific occurrence of caveolin-1alpha and -1beta in the lung caused by expression of distinct mRNAs." <i>J Biol Chem</i> . 2004 Jun 11;279(24):25574-81. Epub 2004 Apr 2. (ABSTRACT ONLY)	
	68	Kommoss, et al. "Oncogene and growth factor expression in ovarian cancer." <i>Acta Obstet Gynecol Scand Suppl</i> . 1992;155:19-24. (ABSTRACT ONLY)	
	69	Kumar, et al. "Somatostatin receptors in primary human breast cancer: quantitative analysis of mRNA for subtypes 1-5 and correlation with receptor protein expression and tumor pathology." <i>Breast Cancer Res Treat</i> . 2005 Jul;92(2):175-86. (ABSTRACT ONLY)	
	70	Kuo, et al. "Atranscriptomic and proteomic analysis of the effect of CpG-ODN on human THP-1 monocytic leukemia cells." <i>Proteomics</i> . 2005 Mar;5(4):894-906. (ABSTRACT ONLY)	
	71	LABAER, Joshua. 2003. Letter to the editor: Mining the literature and large datasets. <i>Nature Biotechnology</i> , 21(9):976-977.	
	72	Landmark, et al. "Cellular location and age-dependent changes of the regulatory subunits of cAMP-dependent protein kinase in rat testis." <i>J Reprod Fertil</i> . 1993 Nov;99(2):323-34 (ABSTRACT ONLY)	

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	73	Lassmann, et al. "Quantification of CK20 gene and protein expression in colorectal cancer by RT-PCR and immunohistochemistry reveals inter- and intratumour heterogeneity." <i>J Pathol.</i> 2002 Oct;198(2):198-206 (ABSTRACT ONLY)	
	74	Legrand, et al. "Expression of the multidrug resistance-associated protein (MRP) mRNA and protein in normal peripheral blood and bone marrow haemopoietic cells." <i>Br J Haematol.</i> 1996 Jul;94(1):23-33. (ABSTRACT ONLY)	
	75	Lemstrom, et al. "Vascular endothelial growth factor enhances cardiac allograft arteriosclerosis." <i>Circulation.</i> 2002 May 28;105(21):2524-30. (ABSTRACT ONLY)	
	76	Li, et al. "Enhanced expressions of arachidonic acid-sensitive tandem-pore domain potassium channels in rat experimental acute cerebral ischemia." <i>Biochem Biophys Res Commun.</i> 2005 Feb 25;327(4):1163-9. (ABSTRACT ONLY)	
	77	Li, et al. "Retinal preconditioning and the induction of heat-shock protein 27." <i>Invest Ophthalmol Vis Sci.</i> 2003 Mar;44(3):1299-304. (ABSTRACT ONLY)	
	78	LIAN, et al. 2001. Genomic and proteomic analysis of the myeloid differentiation program. <i>Blood</i> , 98(3):513-524.	
	79	LICHTINGHAGEN, et al. 2002. Different mRNA and protein expression of matrix metalloproteinases 2 and 9 and tissue inhibitor of metalloproteinases 1 in benign and malignant prostate tissue. <i>European Urology</i> , 42:398-406.	
	80	Lindberg, et al. "Increasing expression of tissue plasminogen activator and plasminogen activator inhibitor type 2 in dog gingival tissues with progressive inflammation." <i>Arch Oral Biol.</i> 2001 Jan;46(1):23-31. (ABSTRACT ONLY)	
	81	Macabeo-Ong, et al. "Effect of duration of fixation on quantitative reverse transcription polymerase chain reaction analyses." <i>Mod Pathol.</i> 2002 Sep;15(9):979-87 (ABSTRACT ONLY)	
	82	MADOZ-GURPIDE, et al. 2003. Molecular analysis of cancer using DNA and protein microarrays. <i>Adv. Exp. Med. Biol.</i> , 532:51-58.	
	83	Maruyama, et al. "Id-1 and Id-2 are overexpressed in pancreatic cancer and in dysplastic lesions in chronic pancreatitis." <i>Am J Pathol.</i> 1999 Sep;155(3):815-22. (ABSTRACT ONLY)	
	84	MCGUINESS, et al. March 1991, Point mutation in meningococcal <i>por A</i> gene associated with increased endemic disease. <i>The Lancet</i> , 337:514-517.	
	85	MCGUINESS. et al., February 1992, Class 1 outer membrane protein of <i>Neisseria meningitidis</i> : epitope analysis of the antigenic diversity between strains, implications for subtype definition and molecular epidemiology. <i>Mol. Microbiology</i> , 7:505-514.	
	86	Meehan, et al. "Tightly regulated and inducible expression of a yoked hormone-receptor complex in HEK 293 cells." <i>J Mol Endocrinol.</i> 2004 Feb;32(1):247-55. (ABSTRACT ONLY)	
	87	Mendoza-Rodriguez, et al. "c-fos and estrogen receptor gene expression pattern in the rat uterine epithelium during the estrous cycle." <i>Mol Reprod Dev.</i> 2003 Apr;64(4):379-88. (ABSTRACT ONLY)	
	88	Meoni, et al. "[3H]MK-801 binding and the mRNA for the NMDAR1 subunit of the NMDA receptor are differentially distributed in human and rat forebrain." <i>Brain Res Mol Brain Res.</i> 1998 Feb;54(1):13-23. (ABSTRACT ONLY)	

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SHEET 7 OF 10	Attorney Docket No.	GNE.3230R1C25

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